

CLAIMS

What is claimed is:

- 2 1. A process for transmitting a data set over a computer
3 network, comprising the steps of:
4 predetermining a data set size threshold;
5 determining a data set size; and
6 if said data set size is less than said threshold, transmitting via
7 electronic mail, or
8 if said data set size is greater than said threshold, transmitting via
9 a data storage site.
- 1 2. The process as set forth in claim 1, further comprising:
2 predetermining a transmission job set size threshold;
3 determining if said data set is to be transmitted to more than one
4 recipient on said network; and
5 if said data set is to be transmitted to more than one recipient on
6 said network, and if a total transmission data set size is less than said
7 transmission job set size threshold, transmitting via electronic mail, or
8 if said data set is to be transmitted to more than one recipient on
9 said network, and if a total transmission data set size is greater than said
10 transmission job set size threshold, transmitting via said data storage site.
- 1 3. The process as set forth in claim 2, comprising:
2 total transmission data set size is determined in accordance with
3 the equation:
4
$$\text{total transmission data set ("TTDS")} = (\text{document size} \times \text{no. of}$$

5 recipients).
- 1 4. The process as set forth in claim 1, the step of transmitting
2 via said data storage site further comprising:
3 generating an HTML Wrapper for said document.

1 10. The system as set forth in claim 8, the means for routing
2 further comprising:
3 computer coded instruction sets.

1 11. The system as set forth in claim 8, the means for
2 determining size of a data set further comprising:
3 means for calculating a total data set size for sending the data set
4 to a plurality of recipients substantially simultaneously.

1 12. The system as set forth in claim 11, the means for
2 comparing further comprising:
3 determining if the total data set size for sending the data set to a
4 plurality of recipients substantially simultaneously is greater than said threshold.

1 13. The system as set forth in claim 8, comprising:
2 the means for rerouting including means for rerouting the data set
3 to a web site subsequently accessible by using said network navigational tool.

1 14. A multifunctional peripheral apparatus for a computer
2 network, comprising:
3 a document digitizing subsystem;
4 connected to the document digitizing device, a sending module for
5 transmitting a data set created with the document digitizing device; and
6 associated with the sending module, a routing subsystem for
7 determining if a data set is to be transmitted via electronic mail or via a data
8 storage unit.

1 15. The apparatus as set forth in claim 14, the routing
2 subsystem further comprising:
3 computer readable program code for reformatting said data set
4 from electronic mail to a format retrievable using a network navigation program.

1 16. The apparatus as set forth in claim 14, the routing
2 subsystem further comprising:
3 computer readable program code for reformatting said data set
4 from electronic mail to a format retrievable using a browser, and
5 computer readable program code for generating and transmitting
6 an electronic mail message providing a URL for said browser.

1 17. The apparatus as set forth in claim 14, further comprising:
2 a computer adapted for providing said data storage unit accessible
3 via a browser using a hyperlink.

1 18. A computer memory comprising:
2 a program for routing data sets over a computer networking,
3 including
4 computer readable coded instructions for predetermining a data set size
5 threshold;
6 computer readable coded instructions for determining a data set
7 size; and
8 if said data set size is less than said threshold, computer readable
9 coded instructions for transmitting via electronic mail, or
10 if said data set size is greater than said threshold, computer
11 readable coded instructions transmitting via a data storage site.

1 19. The memory as set forth in claim 18, further comprising:
2 computer readable coded instructions for predetermining a
3 transmission job set size threshold;
4 computer readable coded instructions for determining if said data
5 set is to be transmitted to more than one recipient on said network; and
6 if said data set is to be transmitted to more than one recipient on
7 said network, and if a total transmission data set size is less than said

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8 transmission job set size threshold, computer readable coded instructions for
9 transmitting via electronic mail, or
10 if said data set is to be transmitted to more than one recipient on
11 said network, and if a total transmission data set size is greater less than said
12 transmission job set size threshold, computer readable coded instructions for
13 transmitting via said data storage site.

1 20. The memory as set forth in claim 19, the computer readable
2 coded instructions for transmitting via said data storage site further comprising:
3 computer readable coded instructions for generating an HTML
4 Wrapper for said document,
5 computer readable coded instructions for copying the document to
6 said data storage site,
7 computer readable coded instructions for generating an electronic
8 mail message for sending via electronic mail to an intended recipient of the data
9 set, the electronic mail message including a URL to said data storage site, and
10 computer readable coded instructions for sending the electronic
11 mail message including the URL in lieu of sending the data set to the intended
12 recipient.